

Title (en)

SYSTEM AND METHOD FOR THE ELECTROCHEMICAL MEASUREMENT OF AN ANALYTE EMPLOYING A REMOTE SENSOR

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ELEKTROCHEMISCHEN MESSUNG EINES ANALYTES MITTELS EINES FERNSENSORS

Title (fr)

APPAREIL ET PROCEDE POUR LA MESURE ELECTROCHIMIQUE D'UN ANALYTE PAR UN CAPTEUR A DISTANCE

Publication

**EP 2398378 A1 20111228 (EN)**

Application

**EP 10705556 A 20100220**

Priority

- EP 2010001075 W 20100220
- US 39053209 A 20090223
- US 53417709 A 20090803

Abstract (en)

[origin: US2010213080A1] A remote measurement system measures the concentrations of analytes in fluid samples. The system includes a metering device that can receive signals from a test strip or alternatively interrogate the test strip to obtain information. The test strip includes an area for receiving a fluid sample and electrochemically producing a current response that is sensed within the fluid sample. The test strip also includes an antenna and a radio frequency signal circuit for transmitting a signal indicative of the current response of a fluid sample to be analyzed. The metering device receives the signal and can convert it into a readable display in some embodiments. Remote electrochemical analysis of a fluid sample is thereby obtained.

IPC 8 full level

**A61B 5/00** (2006.01); **G01N 33/487** (2006.01); **G06K 19/077** (2006.01)

CPC (source: EP US)

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Citation (search report)

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